

Parkland College

Physics Courses

Natural Sciences Courses

2015

Physics 120 How Things Work Summer 2015 Online

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PHY 120 (SUMMER) – HOW THINGS WORK

Course Webpage:

cobra.parkland.edu

Instructor:

Tim Kosiek: tkosiek@parkland.edu

Course Description:

The lecture component of this course utilizes weekly discussion, assignments, and quizzes to explore physics concepts. This is a conceptual course for non-science majors exploring everyday phenomena: musical instruments, photography, flight, electricity, bicycles, engines, etc. to examine how they work.

Textbook:

How Things Work, 5rd edition, Bloomfield

Course Components:

- 1) Unit Discussion
- 2) Unit Assignments
- 3) Unit quizzes (multiple choice – 2 attempts)

4) Physics in the Real World (discussion posts/responses)

5) Final Exam

Deadlines:

The due date for each assignment is clearly labeled in the calendar and the unit announcement. **NO LATE WORK IS ACCEPTED!** Plan ahead – the best strategy is to hand in the assignments **AT LEAST** a day ahead of time.

Grades:

Discussion (20%)

Assignments (20%)

Quizzes (30%)

Physics in the Real World (10%)

Final Exam (20%)

Interaction with the Instructor & Extra Help:

You should go to cobra.parkland.edu with questions. This is the easiest and fastest way to get a little extra help in this course. The instructor will check questions here at least once a day to respond to your posts. However, other students (or the instructor) may respond to your posts at any time. In addition, seek out the resources available to you - learning physics online is a challenge and you may find yourself needing extra help. Use other web sites (do a google search on a difficult topic), communicate with other students from this class, find peer tutoring, online tutoring, etc.

Disabilities:

If you believe you have a disability for which you may need an academic accommodation (e.g. an alternate testing environment, use of assistive technology or other classroom assistance) please contact:

- Nancy Rowley
- Associate Coordinator, Office of Disability Services
- X148
- 351-2588
- nrowley@parkland.edu

Center for Academic Success:

The Center for Academic Success provides a wide range of academic support services to enable you learn well, grow as a student, succeed in your classes, and excel at what you do. These services include the following:

- **Tutoring and Learning Assistance:** Make use of walk-in tutoring services provided by faculty, staff and trained peer tutors on a daily basis. Many students come to get help in reading, writing, math (all levels), and study skills.
- **For-credit Instructional Modules and Supplemental Tutorials:** Enroll in one-credit hour Tutorials to supplement classroom instruction in reading, writing, and math. Instructional Modules are also available to eligible students to complete certain coursework requirements.
- **Advising and Advocacy:** Work with our team of advocates and academic advisor to plan a semester schedule, understand transfer requirements, or manage issues that stand in the way of school.

For more information, please contact Anita Taylor (Phone: 403-4580) or Gail Hoke (Phone: 351-2441) in D120. You may also email the CAS at CenterForAcademicSuccess@parkland.edu.